

Title (en)
SEALED ELECTRICAL CONTACT ASSEMBLY AND ELECTRICAL SWITCH MADE THEREFROM

Publication
EP 0081929 B1 19880302 (EN)

Application
EP 82306233 A 19821123

Priority
• US 32672381 A 19811202
• US 37183882 A 19820426

Abstract (en)
[origin: EP0081929A2] A sealed electrical contact assembly (10, 110) comprises a dielectric frame (14, 114) in which a plurality of aligned stationary electrical contact members (16, 18, 116, 118) are secured as opposing sets of contact members (16A, 18A, 116A, 118A) and movable electrical contact members (34, 134) interconnect each set of stationary contact members (16A, 18A, 116A, 118A). One (18A, 118A) of the opposing sets of stationary contact members (16A, 18A, 116A, 118A) and the movable contact members (34, 134) have matable pivot areas (32, 132, 36, 136) at which the movable contact members (34, 134) are mounted so that the movable contact members (34, 134) can be moved to a position electrically connecting the opposing sets of stationary contact members (16A, 18A, 116A, 118A). A membrane (42, 142) is sealingly secured onto the frame (14, 114) covering each set of stationary (16A, 18A, 116A, 118A) and movable contact members (34, 134) associated therewith. A housing (48, 148) is latchably secured onto the contact assembly (10, 110) and has movable members (50, 150) positioned in housing (48, 148) with spring-biased members (54, 154) engaging movable contact members (34, 134) through membrane (42, 142) to move movable contact members (34, 134) from one position electrically connecting the opposing sets of stationary contact members (16A, 18A, 116A, 118A) to another position disconnecting the opposing sets of stationary contact members (16A, 18A, 116A, 118A)

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CPC (source: EP)
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Cited by
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